KX881608.1 Inonotus cf hispidus EU (type EU)
MN318438.1 Inonotus cf hispidus EU (alleles)
KX881607.1 Inonotus cf hispidus EU (Genbank xdozens)
Inonotus cf hispidus EU FR686562
MN318442.1 Inonotus cuticularis EU (type EU)
MZ484527.1 Inonotus cuticularis EU (type EU)
OM809204.1 Inonotus cuticularis IN01 IN iNat 92118257
MK575239.1 Inonotus cuticularis IN01 IN MycoMap 2991
AM269781.1 Inonotus cf andersonii OH (type NJ)
MN318443.1 Inonotus cf andersonii US
OQ539568.1 Inonotus cf andersonii IN (=Xanthoporia type species)
OM691533.1 Inonotus cf andersonii TN MO303949
MW829455.1 Inonotus cf obliquus EUx2
OP942266.1 Inonotus cf obliquus 1 EU+worldwidex100
MH718216.1 Inonotus obliquus PNW01 Smithers BC
Inonotus cf obliquus IN iNat20959995
MF782784.1 Inonotus cf obliquus 2 EUx9
MN318441.1 Inonotus cf obliquus 2 EUx2
MZ484542.1 Rigidonotus/Inonotus glomeratus USA
MH856026.1 Rigidonotus/Inonotus glomeratus USA
MN318449.1 Rigidonotus/Inonotus glomeratus USA
MZ484616.1 Rigidonotus/Inonotus glomeratus US (type NY)
AF247968.1 Rigidonotus/Inonotus glomeratus USA
OP743636.1 Phellinus cf everhartii MS iNat 137768164 (type NJ)
ON561655.1 Phellinus cf everhartii IN (type NJ)
KR078277.1 Tropicorporus (as Fomitiporia repanda) Sri Lanka (type ID)
GQ249881.1 Tropicoporus (as Fomitiporia repanda) India (type ID)
NR 137949.1 Tropicoporus excentrodendri TYPE
NR 160489.1 Tropicoporus drechsleri TYPE
NR 177493.1 Tropicoporus nullisetus TYPE
KP030793.1 Tropicoporus guanacastensis TYPE
AF534076.1 Tropicoporus (as Fomitiporia repanda) maybe Korea (type ID)
KU139188.1 Phellinopsis conchata NY Brazee (LSU matches EU) (type EU)
MH857444.1 Phellinopsis overholtsii MT (type ID) (Gilbertson collection)
AM269783.1 Inocutis dryophilus OH (type OH)
AM269782.1 Inocutis dryophilus CA
KU139186.1 Inocutis dryophila WI Brazee
OM534640.1 Inocutis dryophila AZ JLF9971 (short)
Inocutis cf rheades EU UDB07672383
MN498104.1 Inocutis dryophila AZ iNat31827878 (2/0/2)
MH211750.1 Inocutis sp. (as dryophila) FL
Inocutis cf rheades EU UDB034049
Inocutis cf rheades EUx3 (type EU) UDB036162
Phylloporia cf ribis 2 EU (type EU) KU198362
Phylloporia cf ribis 3 UK MZ159520
Phylloporia cf ribis 1 EUx3 (type EU) UDB031630
KU198361.1 Phylloporia parasitica Ryvarden Arg (type Col) (type of genus)
MF773644.1 Fulvifomes robiniae TN
MH855779.1 Fulvifomes robiniae OH (type ENA)
OM972520.1 Fulvifomes robiniae IN iNat91560535
MK575259.1 Fulvifomes robiniae IN
KX065962.1 Fulvifomes robiniae WI
OM972309.1 Fulvifomes robiniae IN iNat 92114010
OQ539584.1 Fulvifomes aff robiniae AZ (type ENA)
KX065961.1 cf Fulvifomes robiniae AZ
OR122501.1 Mensularia radiata EU (type UK)
JX082384.1 Mensularia radiata EU
JF340239.1 Mensularia radiata EU
AY354217.1 Mensularia radiata EU
GU062233.1 Mensularia radiata EU
Mensularia radiata AK SAT-10-240-02 (all seq 6bp apart)
MN992228.1 Mensularia radiata PQ
ON364090.1 Mensularia radiata WI MO 380182
FR686563.1 Mensularia radiata EU
MW021035 Coltricia PNW02 OR iNat58925033
MP3954448 Coltricia PNW02 WA
PSMS388 Coltricia PNW02 WA iNat126022588 (more decurrent)
MF319056 Coltricia cf perennis EU (PNW02)
MF319058 Coltricia cf perennis EU (type EU) (PNW02)
MP6598963 Coltricia PNW02 OR
Coltricia cf perennis UK UDB001536
MF319057 Coltricia cf perennis EU
Coltricia cf perennis EU UDB015545 (aff PNW01)
MP3954453 Coltricia PNW01 WA
Coltricia cf perennis EU UDB014110 (aff PNW01)
PSMS387 Coltricia PNW01 (0/5/4) WA iNat126022054 (less decurrent)
Coltricia cf cinnamomea EU UDB016283 (subsericeus Peck NY available)
Coltricia cf cinnamomea EU UDB015189
MK182316.1 Coltricia cf montagnei China (type EU)
KU360685.1 Coltricia cf montagnei China (type EU)
MH399864.1 Coltricia cf montagnei FL (greenei memmingeri avail)
Phellopilus nigrolimitatus EUx4 AJ289622
Phellopilus nigrolimitatus EUx2 AJ289620 (3/1/1)
Phellopilus nigrolimitatus EUx14 (type EU) KT943928 (UNITE 2 concept but all within 3 bp)
KU598212.1 cf Inonotopsis subiculosa China (type NY)
Coniferiporia sulphurascens Russiax7 (type Siberia) KX881843 (all within 3/0)
KX881835.1 Coniferiporia sulphurascens S Int BCx7
AY829342.1 Coniferiporia cf weirii BC (type ID)
AY829341.1 Coniferiporia cf weirii BC
MW358373.1 Phellinidium ferrugineofuscum Finlandx15 (type Fin) (short)
OR242720.1 Phellinidium ferrugineofuscum Russia (type Fin)
KU139189.1 Fuscoporia ferrea OR Brazee (0/0-3)
Fuscoporia ferrea 1/0-3 OR iNat37835973
Fuscoporia ferrea UNITE EUx14 (+ENA) MH861986
ON063649.1 Fuscoporia cf sinica (sensu Wang)
Fuscoporia ferruginosa UNITE EU 1x16 UDB031408
Fuscoporia gilva UNITEx25 (worldwide eqitorial ENA CA no EU nor PNW) KJ140621 (type Carolinas)
MT551948.1 Fuscoporia gilva CA MO 363740
ON427763.1 Fuscoporia gilvoides HOLOTYPE Korea
MH050751.1 Fuscoporia cf acutimarginata (sensu Wang)
JQ794583.1 Fuscoporia viticola USAx3(+EU) (type PN)
MN121829.1 Fuscoporia viticola USA
AF123440.1 Porodaedalea chrysoloma NEOTYPE Swe
MG585285.1 Porodaedalea chrysoloma EU Wu
JX110031.1 Porodaedalea chrysoloma Brazee EU
JX110040.1 Porodaedalea sp. 2 Wu AZ
JX110041.1 Porodaedalea sp. 2 Wu AZ
JX110038.1 Porodaedalea sp. 1 Wu GA
JX110039.1 Porodaedalea sp. 1 Wu VA
Porodaedalea pini UNITE EU overwhelming
JX110035.1 Porodaedalea pini EU Brazee
JX110036.1 Porodaedalea pini Brazee
JX110037.1 Porodaedalea pini EU (Brazee Wu)
JX110043.1 Porodaedalea cancriformans OR Brazee (type OR)
JX110042 Porodaedalea cancriformans OR (type OR)
MH277954.1 Porodaedalea cancriformans OR JLF1575
MG585289.1 Porodaedalea gilbertsonii OR Doug fir
Porodaedalea PNW01 (ITS matches gilbertsonii and pacific) OR iNat37836610 (Doug fir)
MG585290.1 Porodaedalea gilbertsonii CA NAMA 2012 (type CA)
FJ775560.1 Porodaedalea gilbertsonii CA Doug fir
Porodaedalea PNW01 (ITS matches gilbertsonii and pacific) OR spring iNat24963607 (maybe Ponderosa pine)
JX110057.1 Porodaedalea holarctic (Pacific Brazee 1 Wu) CA (was gilbertsonii)
JX110056.1 Porodaedalea holarctic (Pacific) CA (was gilbertsonii)
JX110050.1 Porodaedalea holarctic pacific 133091 OR (as piceina NY)
JX110052.1 Porodaedalea 133623 OR holarctic pacific (as piceina NY)
JX110045.1 Porodaedalea holarctic pacific OR
MP 3956081 Porodaedalea PNW01 (ITS nearest pacific) (Peck NY) WA
PSMS878 Porodaedalea PNW01 (ITS nearest pacific) WA iNat151879815 (Doug fir)
JX110049.1 Porodaedalea holarctic interior 105533 OR
JX110054.1 Porodaedalea ID holarctic interior
JX110053.1 Porodaedalea ID holarctic interior
Porodaedalea PNW02 (nearest interior) E of Rainy Pass WA RHM-19-31 (near fir and spruce and Doug fir)
JX110055.1 Porodaedalea ID holarctic interior
JX110062.1 Porodaedalea holarctic Wu 2 (nearest interior Brazee) CO (as piceina NY)
MH856315.1 Porodaedalea PNW03 (nearest holarctic Atlantic-Boreal) (unknown BC maybe boreal)
MH855132 Onnia cf circinata PQ (type EU) (type of genus) (DNA is Porodaedalea)
JX110071 Porodaedalea MA holarctic (Atlantic-Boreal) (as piceina NY)
JX110068.1 Porodaedalea NY (Holarctic Atlantic-Boreal) (as piceina NY)
JX110067.1 Porodaedalea NY (Holarctic Atlantic-Boreal) (as piceina NY)
JX110047.1 Porodaedalea MN (Holarctic Atlantic-Boreal) (as piceina NY)
JX110066.1 Porodaedalea NH (Holarctic Atlantic-Boreal) (as piceina NY)
Hydnoporia tabacina OR iNat59732076 (1 but official) (+dirty MP3955167)
PSMS846 Hydnoporia (Pseudochaete Hymenochaetopsis) tabacina WA iNat146317225
KJ140591.1 Hydnoporia tabacina WI (official)
MK514614.1 Hydnoporia tabacina UK (official type UK)
MK514601.1 Hydnoporia tabacina NY (2-3/1-2 but official)
MK514603.1 Hydnoporia rhododendri Russia (official) (2/0 tabacina ITS but 1.7 TEF1)
MK514593.1 Hydnoporia rhododendri Austria (official)
MK514613.1 Hydnoporia corrugata NEOTYPE EU
Onnia tomentosa UNITE EU+ENAx21 KF996518
KT281965.1 Onnia tomentosa official Xiaohong (China+EU+AK+WA)
iNat17496652 Onnia tomentosa OR (3/1/5)
Onnia tomentosa WA iNat89599004 (1/1/3ns) (+very short MP6598693 +very short iNat91459803)
Onnia aff. tomentosa (3 ITS1 clean) WA iNat94879455
iNat17456865 Onnia subtriquetra OR
Onnia subtriquetra OR MO 298569
KT281954.1 Onnia subtriquetra ISOTYPE VA
KT281959.1 Onnia leporina official EU Xiaohong
KT281957.1 Onnia microspora China (type Anhui)
Onnia subtriquetra WA iNat64984730
MW633043.1 Onnia cf triquetra AZ MO 428485 (5/0 subtriquetra 8/1 triquetra)
Onnia subtriquetra OR MO 298560
OM967275.1 Onnia tibetica China (type Tibet)
KT281963 Onnia triquetra official Xiaohong EU
MW077676 Pseudoinonotus dryadeus PNW02 OR iNat55971804 (long) (3 EU)
Pseudoinonotus dryadeus PNW02 WA iNat99034233
Psueodoinonotus dryadeus PNW02 WA iNat54208397 (short)
FR686580.1 Pseudoinonotus cf dryadeus EU
SVMFA131 Pseudoinonotus dryadeus PNW01 Vict BC (7/4 EU)
KU139176.1 Phellinus nigricans PNW04 sensu WNA WA Brazee (5/3/1 EU)
KU139178.1 Phellinus nigricans PNW04 ID
KU139169.1 Phellinus nigricans EU Brazee (type EU) (also sensu AK ENA)
GQ383775.1 Phellinus alni Brazee EU (type EU)
KU139167.1 Phellinus alni PNW02 sensu NA 2 ITS1 ID Brazee
OP077293.1 Phellinus alni PNW02 (sensu NA 2 ITS1) WA iNat111838934
KU139185.1 Phellinus lundellii Finland Brazee (type Fin)
KU139184.1 Phellinus lundellii MA Brazee
GQ383712.1 Phellinus igniarius 2 Brazee Czech (type EU)
GQ383715.1 Phellinus igniarius 1 Brazee Sweden (type EU)
KU139180 Phellinus PNW03 NA1 Brazee ID aspen
OP651181.1 Phellinus PNW03 NA1 OR iNat47210859
KU139153.1 Phellinus betulinus MA (type ME) (ITS=laevigatis EU TEF1 laevigatus)
GQ383779.1 Phellinus laevigatus EU (type EU)
KU139150.1 Phellinus betulinus MT
KU139148.1 Phellinus laevigatus EU (type EU) (ITS=betulinus TEF1 laevigatus)
KR013069.1 Phellinus pomaceoides NA
KR013068.1 Phellinus pomaceoides NA
KR013067.1 Phellinus pomaceoides NA
KR013066.1 Phellinus pomaceoides NA (type TX)
KU139138.1 Phellinus NA2 Brazee SC (aff tremulae)
ON063663.1 Phellinus pomaceus Zhou (type EU)
KR013070.1 Phellinus pomaceus Uzbek Zhou (type EU)
KU139142.1 Phellinus tuberculosus Brazee (=pomaceus)
MH856076.1 Phellinus cf prunicola USA (type ME)
KU139145.1 Phellinus arctostaphyli ORx2 (type NM)
OP315020.1 Phellinus arctostaphyli CAx2 iNat 108742707 (2/0/2)
Phellinus cf tremulae UNITE Russia +EUx20 (type Russia) OL764362
GQ383782.1 Phellinus tremulae Brazee EU
Phellinus cf tremulae UNITE Russiax1 (type Russia) UDB0780372
KU139136.1 Phellinus tremulae Brazee EU
KU139137.1 Phellinus tremulae CO Brazee (PNW01)
Phellinus tremulae PNW01 (6-7/0 inside tremulae Brazee) WA Beug iNat128698931
MP3955863 Rigidoporus (Oxyporus) cf cuneatus WA
DQ384575 Rigidoporus cf cuneatus Mary UBC
MG953980 Rigidoporus cf cuneatus Mary UBC
JX415332 Bridgeoporus nobilissimus JLF2213 iNat60161251 (type WA)
RICKENELLA FIBULA (OUTGROUP)
KU975462.1 Hymenochaete cf curtisii USA (type SC)
MH211729.1 Hymenochaete rubiginosa sensu ENA 2 FL
MK757159.1 Hymenochaete rubiginosa sensu ENA 2 TN
MK757158.1 Hymenochaete rubiginosa (EU only) (official) (type of genus)
MK757160.1 Hymenochaete rubiginosa sensu ENA 1 MA
OP743509.1 Hymenochaete cf rubiginosa (but not) MS iNat137751948
OL142192.1 Hymenochaete cf curtisii GA Bill Sheehan (type SC) (7/2/4 MS)
MF990742.1 Hymenochaete cf cinnamomea EU (type EU)
OQ539565.1 Hymenochaete cf cinnamomea MI (type EU)
KU975465.1 Hymenochaete cf fuliginosa China (type EU)
KP814513.1 Hymenochaete cf fuliginosa S Int BC
KP814512.1 Hymenochaete cf fuliginosa S Int BC (type EU)
MN992532.1 Trichaptum cf laricinum PQ (type Russia)
MW989512.1 Trichaptum subchartaceum AZ MO 428386 (type CO)
MT240833.1 Trichaptum subchartaceum AZ MO 377620 (type CO)
OP749339.1 Trichaptum subchartaceum IN iNat 114456573
Trichaptum biforme UNITE worldwidex47 UDB023717
Trichaptum cf fuscoviolaceum EUx2 (type EU) MF381026
Trichaptum cf fuscoviolaceum EUx2 (type EU) MF319119 (1.5 others)
Trichaptum cf fuscoviolaceum EU (type EU) UDB037085 (1.5 others)
KP454016 Trichaptum aff abietinum PNW03 Mary UBC (4/2 + 2/0 PNW03)
Trichaptum abietinum PNW03 OR iNat146971223
MP3956668 Trichaptum abietinum PNW03 WA
Trichaptum abietinum UNITE EUx3 (+Asia 1) MF381023
Trichaptum abietinum UNITE EUx3 (+Asia 1) UDB034136
KC581332 Trichaptum abietinum PNW01 Mary UBC
Trichaptum abietinum PNW01 OR (MP6598966) (dirty)
Fomitiporia robusta UNITE EUx16 AY340018 (type EU)
AY340013.1 Fomitiporia punctata EU (type EU)
AY340015.1 Fomitiporia punctata EU
AY340016.1 Fomitiporia punctata EU
AF515584 Fomitiporia punctata EU
Fomitiporia punctata EU AY340014
KT381627 Fomitiporia fissurata haplotype 1 (in CA type paper) CA oak
KT381628 Fomitiporia fissurata haplotype 2 (in CA type paper) CA oak
Fomitiporia fissurata WA iNat 42929848
Fomitiporia hartigii UNITE EU+Asiax13 (type EU) (2 tsugina not =)
GU594157.1 Fomitiporia tsugina OR (+NAx20) (type NH)
Fomitiporia tsugina WA iNat160692464
CERRENA UNICOLOR (OUTGROUP)
0.10